

1-Dodecyl-2-methylpyridin-1-ium iodide
14402-22-3 | DTXSID60506018

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 4.22

Global applicability domain: Inside

Local applicability domain index: 4.23e-01

Confidence level: 7.16e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Tetradecylpyridinium bromide

Measured: 1.32

Predicted: 3.37

[Image not found](#)

2-Methyl-1-tetradecylpyridin-1-
ium iodide

Measured: 2.27

Predicted: 4.79